

# Firmware Release Notes

## CloudMesh Gateway – NF20MESH



Doc No. FR01347

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Previous versions of this document may have been issued by NetComm Wireless. NetComm Wireless Limited was acquired by Casa Systems in 2019.

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## Document history

This document contains Release Notes for following product:

### NetComm CloudMesh Gateway – NF20MESH

Ver.	Document description	Date
v1.01	Initial document release	18 June 2021
v1.02	Includes changes to release no. R6B021	3 August 2022
v1.03	Includes changes to release no. R6B025	11 November 2022

*Table i. – Document revision history*

## Firmware details

ITEM	DESCRIPTION
Model	NF20MESH
Product Name	CloudMesh Gateway
Date	11 November 2022
Firmware Version	NF20MESH.NC.UR-R6B025
Official / Beta Firmware	Official
File Name	NF20MESH.NC.UR-R6B025.EN_upgrade.w.enc
File Size	43 MB
MD5 Checksum	48700D3F3AB243296A0CA36CEED9344F

## Version history

### R6B025

#### Enhancements

- This update addresses a critical security vulnerability (TT 44047)

### R6B021

#### New Features

- Added an option to disable 802.11ax on 2.4GHz to allow non-compatible clients to connect (TT 42824)

#### Enhancements

- Updated IPv6 ULA preferred, and valid lifetime (TT 41995)
- Fixed an issue where DDNS connection was not getting established when using password with special characters (TT 42209)
- WebUI enhancements (TT 42223, TT 42233, TT 42234, TT 42360, TT 43545)
- Fixed an issue of IPv6-PD drop after few days (TT 42225)

- Updated TR-069 formula for parameter Device.IP.Diagnostics.UploadDiagnostics.Bandwidth to reflect correct upload bandwidth (TT 42227)
- Fixed an issue where CPE was unable to set Pbit to 5 for SIP and RTP traffic (TT 42231)
- Fixed an issue where user was unable to delete all the entries of port forwarding at once (TT 42235)
- Updated WebUI to reflect correct auto -channel status when changed using TR-069 (TT 42251)
- Added patch for FragAttack vulnerability (TT 42272)
- Fixed an issue where user was unable to delete all the entries of port triggering at once (TT 42235)
- Updated TR-069 default setting (TT 42328)
- Updated TR-069 formula for parameter Device.IP.Diagnostics.DownloadDiagnostics.Bandwidth to reflect correct download bandwidth (TT 42604)
- Fixed an issue where CPE was not allowing to create same QoS rule on 2 different services on different interface (TT 42629)
- Updated LAN secondary DNS to blank (TT 42860)
- Fixed an issue where CPE was not sending IPv6 Solicit when uplink connection is down for long duration (TT 42872, TT 42873)
- Fixed an issue where PPPoE was not sending discovery after disconnection (TT 42875)
- Fixed an issue where TR-143 TotalBytesReceived was reported as "0" (TT 42991)
- Updated CPE behaviour where user was unable to login when changing to Username of length 16 Characters (TT 43026)
- Updated SNMP remote settings (TT 43516)
- Updated default Wi-Fi encryption to Mixed WPA 3-SAE/WPA2-PSK (TT 43520)
- Updated default setting of ULA to randomly generate (TT 43531)
- Updated default IPv6 router preference to "Medium" as per RFC 4191 (TT 43537)
- Updated Router Advertisement(RA) on LAN to include Prefix information option (PIO) & RDNS options (TT 43543, TT 43550)
- Updated Router Advertisement(RA) Route Information Option preference to "high" (TT 43551)

# R6B019 – Initial production release

## New Features

- None

## Enhancements

- None